

7⁵/₈ in 39 lb/ft Q125 (API 5CT)

Box end finish: Mang. Phosph. Lubrication: API-Modified

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	7.625 in
Nominal ID	6.625 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.500 in
Minimum Wall Thickness	87.5 %
Drift	6.500 in

CONNECTION PROPERTIES

Coupling OD (nominal)	8.419 in
Coupling ID (nominal)	6.593 in
Make-up Loss	5.220 in
Coupling Length	11.732 in
Tension Efficiency	100 % of pipe
Compression Efficiency	100 % of pipe
Internal Pressure Efficiency	100 % of pipe
External Pressure Efficiency	100 % of pipe

CONNECTION PERFORMANCE

Tensile Yield Load	1 399 klb
Compression Yield Load	1 399 klb
Internal Yield Pressure	14 750 psi
External Pressure Resistance	12 060 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	890 klb

TORQUE VALUES

Minimum Make-up torque	20 840 ft·lb
Optimum Make-up torque	23 160 ft·lb
Maximum Make-up torque	25 480 ft·lb
Minimum Shoulder Torque	1 160 ft·lb
Maximum Shoulder Torque	16 210 ft·lb
Maximum Operational Torque	27 790 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-7.625-39-Q125

Date of issue (dd/mm/yyyy): 30/04/2026

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